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COMPANY OVERVIEW:

CGRADS delivers advanced AI, data analytics, and engineering solutions across Defense, Aerospace, and Advanced Materials sectors, enabling intelligent and adaptive operations. We integrate cognitive data dominance, generative AI, and secure frameworks to accelerate innovation and mission effectiveness. Our AEGIS platform (Autonomous Enhanced Guardian for Intelligent Stewardship) advances next-generation air defense through autonomous decision-making and real-time threat response. Our Generative 4D Trajectory Aircraft Prediction System enhances aviation safety and efficiency using real-time predictive modeling of flight paths. We engineer AI-optimized cobaltite-based EM absorber materials that maintain stealth performance under extreme thermal conditions beyond traditional limits. Our tailored stealth and shielding solutions reduce radar signatures and electromagnetic interference, delivering reliable, mission-specific performance across naval and aerospace platforms.

CAGE CODE

:9XKL7

NAICS CODE

- : 541511 -Custom Computer Programming Services
- 541512 -Computer Systems Design Services
- 541519 -Other Computer Related Services
- 541611 -Administrative Management and General Management & Service
- 541618 -Other Management Consulting Services
- 541690 -Other Scientific and Technical Consulting Services
- 541715 -Research and Development - Physical, Engineering, and Life Sciences.
- 541720- Research and Development in the Social Sciences and Humanities

DUNS NUMBER:

129125293

DIFFERENTIATORS

- ❖ *Minority Owned*

COLLABORATIONS

- Sonic Wall Cybersecurity
- Micro Soft
- Akamai
- Google
- IBM, Nvidia
- Multiple Cloud software companies
- Research Institutes
- Universities Harvard, Stanford & MIT, North Weston, UTD

PAST PERFORMANCE

- Modeling ,Engineering ,Control Systems, Shielding etc.
- Cloud Technologies, Cyber Defense
- Advanced Materials
- High-Definition DATA, Aerial satellite
- Missile Defense Academy
- Neuromorphic Perception for Autonomous Systems ,Meta-RL control for Autonomous Systems Science triage engine for autonomous Systems
- Data Management for Financial Services, Illinois Dept. of Public Aid. JPMorgan Chase inc, Capital One Inc.

Department of War [Army, Navy, DARPA- ERIS ,DHA,MDA,DTRA,DLA]

CORE COMPETENCIES

- Cognitive Dominance: Quantum Computing
- Aero Space : Data- Analytics-
- Engineering-Management - Science
- Hyper ledger Frameworks:
- Agile- Covert- Innovation
- Engineering of Self-Healing-
- Inorganic Materials
- Hyper-sonic, DATA, & Advance Material
- Scientific Research, Control Systems
- Project Management CUAS, UAS ,Nanotech, Multi Cloud Services, Block Chain Technology, Multi Agent